

TREE PROTECTION PLAN - sidewalk program

Briggs Rd Project

8/8/2019

Rick Holley

***All root pruning shall be done to a maximum depth of 6"**

DBH = diameter (in.) at breast height (4.5 ft above ground)

Location: F = front, S = side, R = rear, I = island, P = private, opp = opposite, M = median

Recommendation: F = Fencing required, s/w = sidewalk, elev = elevation pruning

DW = dead wood removal, d/w = driveway, cli = clear light, csi = clear sign, cpt = clear private tree, clh = clear house

Note: refer to *Tree Protection Requirements For The Department Of Transportation* for Standard Tree Protection Measures

Note: Inspection of worksite tree protection measures required by Certified Arborist with the county prior to construction activities

Note: ROW not to be utilized for staging area unless otherwise permitted by Certified Arborist

Note: three (3) trees required per tree removal (\$250.00 per tree)

Note: Tree replacement fee to be paid prior to scheduled construction

ADDRESS	SPECIES	DBH	LOCATION	RECOMMENDATIONS
Ideal Dr				Note: 5' sidewalk with 3' green space for all addresses listed unless noted otherwise
2205 Briggs Rd	Black Walnut	7	8S-P	F, elevate 8' over proposed s/w. Note: tree on Ideal Dr. side
13102	Black Locust	12	1F-P	F, elevate 8' over proposed s/w. Note: tree opposite 13105 & 13103 Ideal Dr
	Norway Maple	24	2F-P	F, elevate 8' over proposed s/w. Note: tree opposite 13105 & 13103 Ideal Dr
13107	Black Locust	13	1 opp	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Black Locust	9	2 opp	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Mulberry	15	wooded opp	F, elevate 8' over proposed s/w
13111	Ailanthus	9	wooded opp	F, elevate 8' over proposed s/w
13120	Dogwood	7	1F-P	F, elevate 8' over proposed s/w
	Silver Maple	33	3F-P	F, Air Excavation Required
	Northern Red Oak	16	2S	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Northern Red Oak	28	1S-P	F, Air Excavation Required
	Northern Red Oak	32	1S	REMOVE: proposed s/w construction will compromise health/structural stability of tree
Ewood Ln				Note: 5' sidewalk with 2' green space for all addresses listed unless noted otherwise
13201	Weeping Willow	32	1F-P	F
13107	STUMP	7	3F	remove stump
	White Oak	38	2F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	White Oak	29	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13008	Silver Maple	21	2 opp	PEPCO marked - REMOVE
	Mulberry	8	1 opp	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13006	Mulberry	5	1 opp	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Mulberry	5	2 opp	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Black Walnut	19	3 opp	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13004	Black Walnut	14	1 opp	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Ash	5	2 opp	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Black Locust	25	3 opp	PEPCO marked - REMOVE
	Silver Maple	7	4 opp	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Black Locust	18	5 opp	REMOVE: proposed s/w construction will compromise health/structural stability of tree
2205 Briggs Rd	Black Walnut	20	1S	REMOVE: proposed s/w construction will compromise health/structural stability of tree
				Note: tree located on Ewood Ln side of property
	Elm	8	2S-P	F, Note: tree located on Ewood Ln side of property
	Red Maple	14	1S-P	F, Note: tree located on Ewood Ln side of property

ADDRESS	SPECIES	DBH	LOCATION	RECOMMENDATIONS
Wilton Oaks Dr				Note: 5' sidewalk with 3' green space for all addresses listed unless noted otherwise
2421 Briggs Rd	Kwanzan Cherry	15	1S	REMOVE: proposed s/w construction will compromise health/structural stability of tree. 5' s/w with 4' green space
	Kwanzan Cherry	10	2S	REMOVE: proposed s/w construction will compromise health/structural stability of tree. 5' s/w with 4' green space
	Black Gum	14	3S	F, Air Excavation Required, elev 8' over proposed s/w
13006	Silver Maple	38	1F	F, Air Excavation Required, 5' s/w with 4' green space
	Silver Maple	41	2F	F, Air Excavation Required, 5' s/w with 4' green space
13016	Red Maple	9	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Japanese Maple	11	2F	F, Air Excavation Required, elev 8' over proposed s/w
13100	Mimosa	12	1F	F, Air Excavation Required
	Norway Maple	15	2F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13102	Sugar Maple	5	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Red Maple	27	2F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13104	Tulip Poplar	13	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13110	Red Maple	9	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13112	Red Maple	8	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13114	Northern Red Oak	15	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Cedar	18	2F-P	F
13116	Norway Maple	24	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13118	Norway Maple	24	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13200	Norway Maple	19	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13202	Sugar Maple	24	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13204	White Mulberry	3	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13206	Norway Maple	18	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13208	Norway Maple	18	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Norway Maple	15	2F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Norway Maple	15	3F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Tulip Poplar	15	4F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Sugar Maple	21	5F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
Lutes Dr				Note: 5' sidewalk with 2' green space for all addresses listed unless noted otherwise
13002	Tulip Poplar	33	1F-P	F, Air Excavation Required
13010	Hemlock	7	1F-P	F, elevate s/w 8'
13012	Crape Myrtle	13	1F-P	F, elevate s/w 8'
13018	White Oak	29	1F-P	F
13106	White Pine	10	1F	F, elevate s/w 8'
	White Pine	9	2F	F, elevate s/w 8'
	Hemlock	3	3F	F, elevate s/w 8'
	White Oak	38	4F-P	F, Air Excavation Required
	White Oak	25	5F-P	F, Air Excavation Required
	Tulip Poplar	35	6F-P	F, Air Excavation Required
	White Oak	36	7F-P	F
	White Pine	5	8F	F, elevate s/w 8'

ADDRESS	SPECIES	DBH	LOCATION	RECOMMENDATIONS
13106	White Pine	6	9F	F, elevate s/w 8'
	Red Oak	29	10F-P	F
	White Pine	7	11F	F, elevate s/w 8'
	White Pine	4	12F	F, elevate s/w 8'
	White Pine	9	13F	F, elevate s/w 8'
	Black Cherry	6	14F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13124	Tulip Poplar	63	1F	F, Air Excavation Required
	Mulberry-multi stem	23	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Tulip Poplar	24	2F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13200	Cedar - multi stem	18	1F	F, Air Excavation Required
	Mulberry	10	2F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Black Walnut	24	3F	F, Air Excavation Required
	Red Oak	3	4F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13206	White Oak	41	1F	F, Air Excavation Required
	Dogwood	10	2F	F
	Dogwood	8	3F	F
	White Oak	24	4F	F, Air Excavation Required
13212	Red Oak	39	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree note: poor condition
13216	Hickory	6	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Cedar	25	2F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
2500 Dressler Ln	Redbud	13	1S	REMOVE: proposed s/w construction will compromise health/structural stability of tree Note: Existing 11' green space. Tree protection fence and Air Excavation recommended if proposed 5' sidewalk to be installed in existing location with 10' green space.
	Redbud	17	2S	REMOVE: proposed s/w construction will compromise health/structural stability of tree Note: Existing 11' green space. Tree protection fence and Air Excavation recommended if proposed 5' sidewalk to be installed in existing location with 10' green space.
Briggs Rd				Note: 5' sidewalk with 2' green space for all addresses listed unless noted otherwise
2415	Norway Spruce	21	2F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Mulberry	8	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
2411	Tulip Poplar - multi stem	50	2F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	White Oak	15	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
2421	Red Oak	17	3F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Red Oak	10	2F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Swamp White Oak	3	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
2317	Catalpa	24	1S	F, Air Excavation Required
	Catalpa	18	2F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Red Oak	26	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
13000 Disney Ln	White Pine	7	1F	F
	White Pine	6	2F	F
	Hickory	13	3F	REMOVE: proposed s/w construction will compromise health/structural stability of tree

ADDRESS	SPECIES	DBH	LOCATION	RECOMMENDATIONS
13000 Disney Ln	Hickory	9	4F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Cedar	7	5F	F, elevate s/w 8'
	Cedar	6	6F	F, elevate s/w 8'
	Cedar	7	7F	F, elevate s/w 8'
	Cedar	6	8F	F, elevate s/w 8'
	Cedar	6	9F	F, elevate s/w 8'
2305	Elm	13	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
2205	Elm	4	1F	REMOVE: proposed s/w construction will compromise health/structural stability of tree
	Elm	4	2F	REMOVE: proposed s/w construction will compromise health/structural stability of tree

Notes:

- Mechanical root pruning is not allowed unless specified. Hand prune roots where "root prune up to edge of proposed s/w" is noted above.
- Any roots 2" diameter or larger exposed by air excavation, that require removal due to construction activities, must be inspected by ISA certified arborist (Tree Maintenance Section, Division of Highway Services), prior to removal.
- An approved contractor (Licensed Tree Expert) certified in the State of Maryland for air excavation will be required to conduct all excavation where "Air Excavation required" is noted above.
- ISA Arborist (Tree Maintenance Section, Division of Highway Services) shall be notified by Project Manager of root pruning and/or air excavation schedule prior to scheduled work.
- Root pruning shall be to the depth of excavation (no more than 6" depth).
- Excavation for proposed sidewalk shall be no more than 6".
- Within the County right of way (Briggs Road sidewalk project), 50 trees (6" DBH or larger), are recommended for removal due to proposed construction activities. There is a 3:1 replacement requirement for the trees. Funds shall be allocated to the **Street Tree Fund** for the 150 tree replacement cost. The amount required for the fund is **\$37,500.00**